

Recombinant Full Length Human APOBEC3D Protein, GST-tagged

Cat. No. APOBEC3D-1371HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human APOBEC3D full-length ORF (ENSP00000216099, 1 a.a. - 386 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	386 amino acids
Description	This gene is a member of the cytidine deaminase gene family. It is one of a group of related genes found in a cluster, thought to result from gene duplication, on chromosome 22. Members of the cluster encode proteins that are structurally and functionally related to the C to U RNA-editing cytidine deaminase APOBEC1 and inhibit retroviruses, such as HIV, by deaminating cytosine residues in nascent retroviral cDNA. [provided by RefSeq, Jul 2008]
Molecular Mass	73 kDa
AA Sequence	MNPQIRNPME RMYRDTFYDN FENEPILYGR SYTWLCYEVK IKRGRSNLLW DTGVFRGPVL PKRQSNHRQE VYFRFENHAE MCFLSWFCGN RLPANRRFQI TWFVSWNPCL PCVVKVTKFL AEHPNVTTLT SAARLYYYRD RDWRWVLLRL HKAGARVKIM DYEDFAYCWE NFVCNEGQPF MPWYKFDDNY ASLHRTLKEI LRNPMEAMYP HIFYFHFKNL LKACGRNESW LCFTMEVTKH HSAVFRKRGV FRNQVDPETH CHAERCFLSW FCDDILSPNT NYEVTWYTSW SPCPECAGEV

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AEFLARHSNV NLTIFTARLC YFWDTDYQEG LCSLSQEGAS VKIMGYKDFV
SCWKNFVYSD DEPFKPWKGL QTNFRLLKRR LREILQ

Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);
Antibody Production; Protein Array

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

APOBEC3D apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3D [Homo sapiens]

Official Symbol

APOBEC3D

Synonyms

APOBEC3D; apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3D; APOBEC3E, apolipoprotein B mRNA editing enzyme, catalytic polypeptide like 3D (putative) , apolipoprotein B mRNA editing enzyme, catalytic polypeptide like 3E pseudogene; probable DNA dC->dU-editing enzyme APOBEC-3D; ARP6; probable DNA dC-> dU-editing enzyme APOBEC-3D; DNA dC-> apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3E pseudogene; APOBEC3E; APOBEC3DE

Gene ID

140564

mRNA Refseq

NM_152426

Protein Refseq

NP_689639

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MIM	609900
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UniProt ID	Q96AK3
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